

Form PTO-1449
(Rev. 8-83)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO:
102689-6APPLICATION NO:
09/574,341APPLICANTS:
N.A. Langrind et al.FILING DATE:
May 20, 2000GROUP ART UNIT:
2785

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE*
ref	AA	4	9	4	2	5	4	0	07/90	Black et al.	364	514	
ref	AB	5	5	1	5	4	0	3	05/96	Sloan et al.	375	371	
ref	AC	5	0	3	8	4	1	0	06/97	Kuddes	375	357	
ref	AD	5	7	2	6	6	0	7	03/98	Brede et al.	331	270	
ref	AE	5	8	5	0	3	9	9	12/98	Ganmukhi et al.	370	400	
ref	AF	5	9	0	3	5	6	4	05/99	Ganmukhi et al.	370	390	
ref	AG	5	9	0	5	7	3	0	05/99	Yang et al.	370	420	
ref	AH	5	9	2	6	4	6	3	07/99	Ahearn et al.	370	250	
ref	AI	5	9	5	3	3	1	4	09/99	Ganmukhi et al.	370	220	
ref	AJ	5	9	9	1	1	6	3	11/99	Marconi et al.	361	788	
ref	AK	5	9	9	1	2	9	7	11/99	Palnati et al.	370	389	
ref	AL	5	9	9	5	5	1	1	11/99	Zhou et al.	370	412	
ref	AM	6	0	0	8	8	0	5	12/99	Land et al.	345	335	
ref	AN	6	0	0	8	9	9	5	12/99	Pusateri et al.	361	796	

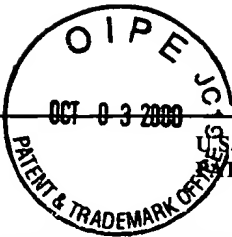
FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
ref	BA	9	8	2	6	6	1	1	06/98	PCT				
ref	BB	9	9	0	5	8	2	6	02/99	PCT				
ref	BC	9	9	1	1	0	9	5	03/99	PCT				

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

ref	CA	"The Abatis Network Services Contractor," Abatis Systems Corporation product literature, 1999;
ref	CB	AtiMe-3E Data Sheet, 1-17 (March 8, 2000);
Examiner Nitin Datta		Date Considered: 02-06-04
		*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and considered. Include copy of this form with next communication to applicant.

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EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE*
ref	AO	6	0	1	5	3	0	0	01/00	Schmidt, Jr. et al.	439	61	
ref	AP	6	0	2	1	1	1	6	02/00	Chiussi et al.	370	236	
ref	AQ	6	0	2	1	2	6	3	02/00	Kujoory et al.	395	200.62	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
ref	BD	9	9	1	4	8	7	6	03/99	PCT				
ref	BE	9	9	2	7	6	8	8	06/99	PCT				

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

ref	CC	Black, D., "Building Switched Networks," pp. 85-267;											
ref	CD	Black, D., "Managing Switched Local Area Networks A Practical Guide" pp. 324-29;											
ref	CE	"Configuration," Cisco Systems Inc. webpage, pp. 1-32 (September 20, 1999);											
ref	CF	Leroux, P., "The New Business Imperative: Achieving Shorter Development Cycles while Improving Product Quality," QNX Software Systems Ltd. webpage, (1999);											
ref	CG	NavisXtend Accounting Server, Ascend Communications, Inc. product information (1997);											
ref	CH	NavisXtend Fault Server, Ascend Communications, Inc. product information (1997);											
ref	CI	NavisXtend Provisioning Server, Ascend Communications, Inc. product information (1997);											
ref	CJ	Network Health LAN/WAN Report Guide, pp. 1-23											
ref	CK	"Optimizing Routing Software for Reliable Internet Growth," JUNOS product literature (1998);											
ref	CL	PMC-Sierra, Inc. website (March 24, 2000);											
ref	CM	Raddalgoda, M., "Failure-proof Telecommunications Products: Changing Expectations About Networking Reliability with Microkernel RTOS Technology," QNX Software Systems Ltd. webpage, (1999)											
Examiner		Date Considered: 02-06-04											
Nitin Patel		*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and considered. Include copy of this form with next communication to applicant. #907520v1 <IMANAGE> -ids 1449.wpd											

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wp	AR	6	0	3	3	2	5	9	03/00	Daoud	439	573	
wp	AS	6	0	4	1	3	0	7	03/00	Ahuja et al.	705	8	
sel	AT	6	0	4	4	5	4	0	04/00	Fontana	29	505	
wp	AU	6	0	7	8	5	9	5	06/00	Jones et al.	370	503	

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[illegible]

ny	CN	"Real-time Embedded Database Fault Tolerance on Two Single-board Computers," Polyhedra, Inc. product literature;
neg	CO	Syndesis Limited product literature, 1999;
neg	CP	"Using Polyhedra for a Wireless Roaming Call Management System," Polyhedra, Inc., (prior to May 20, 2000);
neg	CQ	Veritas Software Corporation webpage, 2000.

Date Considered: 02.06.04

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#927956v1 <IMANAGE> -supplemental ids 1449.wpd